

RECEIVED

OCT 18 2012 FORM OGC-3



STATE OF MISSOURI  
GEOLOGICAL SURVEY PROGRAM  
**APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK**

Mo Oil & Gas Council

If ~180' below TD

☒ APPLICATION TO DRILL    ☐ DEEPEN    ☐ PLUG BACK    ☒ FOR AN OIL WELL    ☐ OR GAS WELL

NAME OF COMPANY OR OPERATOR Kansas Resource Exploration and Development, LLC		DATE 10/10/2012	
ADDRESS 9393 West 110th St., Suite 500	CITY Overland Park	STATE KS	ZIP CODE 66210

**DESCRIPTION OF WELL AND LEASE**

NAME OF LEASE Clark-Berry	WELL NUMBER CB-27	ELEVATION (GROUND) 1067'
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WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES)  
1036 ft. from ☐ North ☒ South section line    1028 ft. from ☒ East ☐ West section line

WELL LOCATION Sec. <u>16</u> Township <u>46</u> North Range <u>33</u> <input type="checkbox"/> East <input checked="" type="checkbox"/> West	LATITUDE N 38 48' 17.29"	LONGITUDE W 94 34' 18.68"	COUNTY Cass
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NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 1028 FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE 367 FEET

PROPOSED DEPTH 700' <u>elev. 367'</u>	DRILLING CONTRACTOR, NAME AND ADDRESS Utah Oil, LLC	ROTARY OR CABLE TOOLS Rotary	APPROX. DATE WORK WILL START 11/01/2012
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NUMBER OF ACRES IN LEASE 370	NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR <u>7</u>
	NUMBER OF ABANDONED WELLS ON LEASE <u>0</u>

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME <u>DE Exploration</u> ADDRESS <u>4595 Highway K33, Wellsville, KS 66092</u>	NO. OF WELLS PRODUCING <u>4</u> INJECTION <u>2</u> INACTIVE <u>0</u> ABANDONED <u>0</u>
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STATUS OF BOND <input type="checkbox"/> SINGLE WELL AMOUNT \$ _____ <input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ <u>160,000</u>	<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED
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REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)

PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT
20'	8 5/8"	20	8 sks	<u>20'</u>	<u>8 5/8"</u>	<u>20</u>	<u>Full Length</u>
700'	4 1/2"	11.6	125 sks	<u>700'</u>	<u>4 1/2"</u>	<u>11.6</u>	

I, the Undersigned, state that I am the C.O.O of the K.R.E.D (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE <u>BR</u>	DATE <u>10/15/12</u>
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PERMIT NUMBER <u>037-21151</u>	<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED <input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN <input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN <input checked="" type="checkbox"/> DRILL SYSTEM TEST INFO REQUIRED IF RUN <input type="checkbox"/> SAMPLES REQUIRED <input checked="" type="checkbox"/> SAMPLES NOT REQUIRED <input type="checkbox"/> WATER SAMPLES REQUIRED AT
APPROVED DATE <u>12-5-12</u>	
APPROVED BY <u>Joseph A. Miller</u>	

**NOTE** THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE

I, B. Leech of the Utah Oil (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE <u>B. Leech</u>	DATE <u>10/16/12</u>
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STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM  
**WELL LOCATION PLAT**

OWNER'S NAME Kansas Resource Exploration & Development	
LEASE NAME Clark-Berry CB-27	COUNTY Cass
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 1036 ft. from <input type="checkbox"/> North <input checked="" type="checkbox"/> South from section line 1028 ft. from <input checked="" type="checkbox"/> East <input type="checkbox"/> West from section line	
WELL LOCATION Sec. 16 Township 46 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West	
LATITUDE N38° 48' 17.29" ✓	LONGITUDE W94° 34' 18.68" ✓



REMARKS  
✓  
Section 16 is larger than 1 square mile. One square equals 682.25 feet, which accounts for the larger dimensions of this section.

<b>INSTRUCTIONS</b>  On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.	This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.	
	REGISTERED LAND SURVEYOR	NUMBER
REMIT TWO (2) COPIES TO: GEOLOGICAL SURVEY PROGRAM PO BOX 250, ROLLA, MO 65402-0250 (573) 368-2143 ONE (1) COPY WILL BE RETURNED		





## Check Location

Select a coordinate format, enter a pair of coordinates in the boxes below it, and then press the SUBMIT button. Please be patient while your information is retrieved. Your coordinates will be converted to the other formats, the information on the right-hand side of the page will be filled in based on your coordinates, and a map will be generated. NOTE: All coordinates must use the North American Datum of 1983 (NAD83).

Universal Transverse Mercator  
[Zone 15 North]

Easting

363513.3732473699 meters

Northing

4296289.109187475 meters

Decimal Degrees

Latitude

38.8048027777777 °

Longitude

-94.5718555555556 °

• Degrees, Minutes and Seconds

Latitude Degrees

38 °

Latitude Minutes

48 ' ,

Latitude Seconds

17.29 " ,

Longitude Degrees

-94 °

Longitude Minutes

34 ' ,

Longitude Seconds

18.68 " ,

### Metadata

- Interstate Highways
- US Highways
- State Highways
- Railroad
- Major and Minor Roads
- County Boundary
- Lakes
- Major Rivers
- Rivers and Streams
- Missouri River
- Mississippi River
- Municipal

UTM Zone 15N [Easting, Northing] [ 363513.3, 4296289.1 ] meters

Decimal Degrees [Lat, Lon] [ 38.804802°, -94.571856° ]

Deg, Min, Sec [Lat, Lon] [ 38° 48' 17.2", -94° 34' 18.6" ]

County Name Cass

County FIPS Code 037

Legal Description Section 16 T46N R33W

Municipality NO VALUE

House District 123

Senate District 31

Congressional District 5

MoDNR Region Kansas City Regional Office

USGS 1:24,000 Quadrangle Belton [38094-G5]

8 Digit Watershed 10290108 [South Grand]

10 Digit Watershed 1029010801 [Headwaters South Grand River]

12 Digit Watershed 102901080101 [East Creek]

Special Well Drilling Area Area 2

Ecological Drainage Unit Central Plains/Osage/South Grand

Level III Ecoregion Central Irregular Plains

Query Time 6.344 s

Rows with red text indicate that the input location is too close to a boundary to produce reliable results.

NOTE: A result of 'NO VALUE' is usually an indication that no data was found for the location. For example, not every point in Missouri will lie within a municipal boundary, so some will result in a 'NO VALUE'. If 'County Name' results in 'NO VALUE', your point probably lies outside the state.

Well ID # 005390

Elev. 1069'

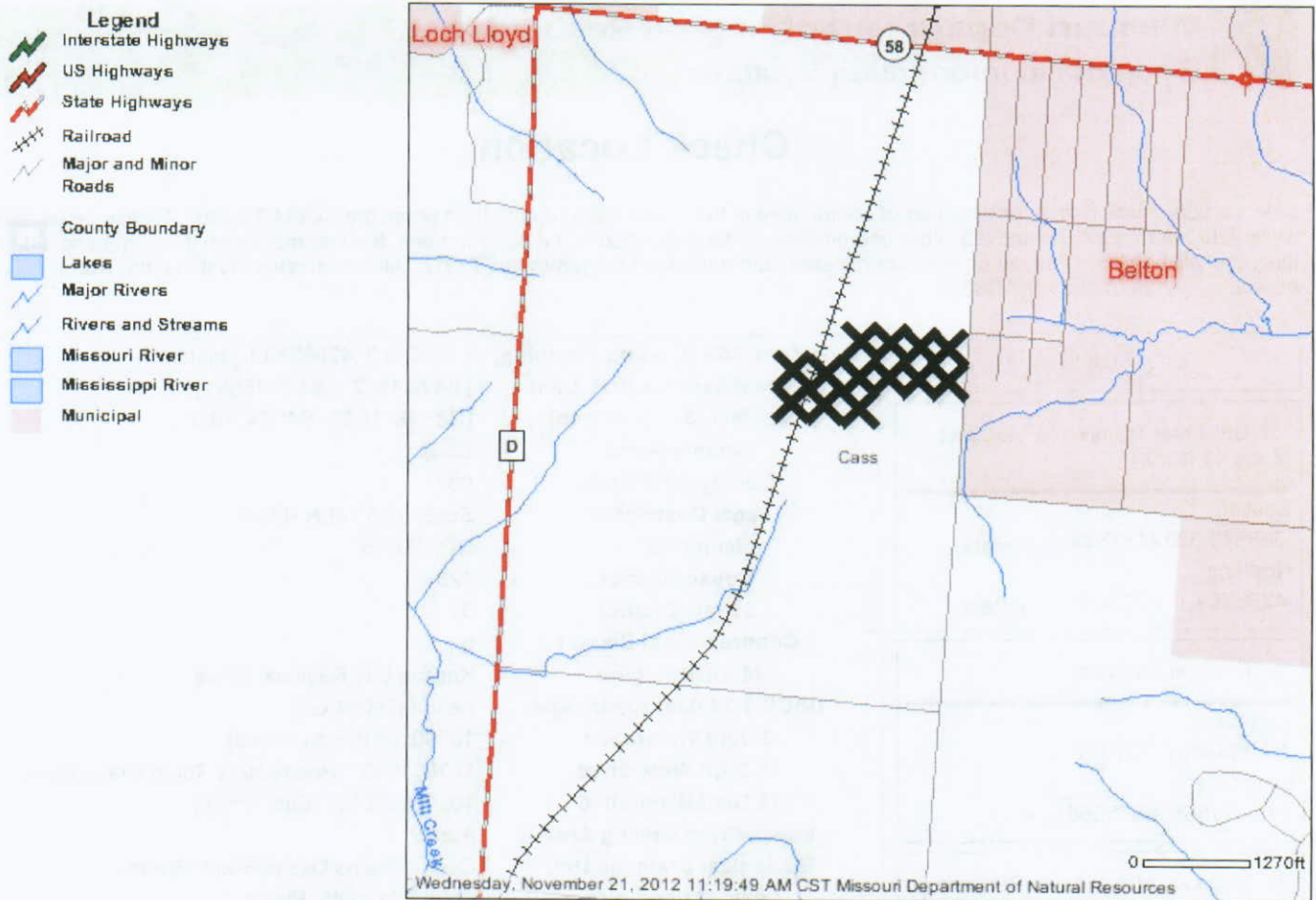
$\frac{IP}{M}$ : 229' elev.  $IP_c - M$ : 345'

Well ID: # 026255

$IP_c$ : 535' TD

1067 - 535 - 345

$\Rightarrow \sim 187'$  elev.  
 $\frac{IP}{M}$



View Scale 1:24,000

DISCLAIMER: Although this map has been compiled by the Missouri Department of Natural Resources, no warranty, expressed or implied, is made by the department as to the data and related materials. The act of distribution shall not constitute any such warranty, and no responsibility is assumed by the department in the use of these data or related materials.



Missouri  
Department of  
Natural Resources

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